

# Disaggregation Summary Report

Test Date: 09/15/08

State: INDIANA

Grade: 8

## Purpose

This report describes group achievement for selected reporting populations.



English/language arts		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>79855</b>	<b>4162</b>	<b>5</b>	<b>49861</b>	<b>62</b>	<b>54023</b>	<b>68</b>	<b>25204</b>	<b>32</b>	<b>628</b>	<b>1</b>	<b>535.3/537.6</b>	<b>50.0</b>
General Education														
TOTAL General Education		68692	4122	6	47297	69	51419	75	16844	25	429	1	544.1/544.0	44.0
Special Education														
With accommodations		9377	9	0	1761	19	1770	19	7444	79	163	2	475.1/477.6	47.8
Without accommodations		1786	31	2	803	45	834	47	916	51	36	2	508.5/513.5	52.4
TOTAL Special Education		11163	40	0	2564	23	2604	23	8360	75	199	2	480.4/482.3	50.1
Limited English Proficiency														
With accommodations		1470	1	0	280	19	281	19	1111	76	78	5	477.5/483.9	49.4
Without accommodations		1275	12	1	554	43	566	44	661	52	48	4	509.9/511.6	47.8
TOTAL Limited English Proficiency		2745	13	0	834	30	847	31	1772	65	126	5	492.6/497.0	51.3
Non-Limited English Proficiency														
With accommodations		9377	14	0	1854	20	1868	20	7348	78	161	2	476.6/479.0	48.0
Without accommodations		67733	4135	6	47173	70	51308	76	16084	24	341	1	545.0/544.8	43.4
TOTAL Non-Limited English Proficiency		77110	4149	5	49027	64	53176	69	23432	30	502	1	536.7/538.9	49.3
Gender														
Male		40922	1298	3	23928	58	25226	62	15278	37	418	1	526.6/530.1	50.5
Female		38859	2863	7	25903	67	28766	74	9891	25	202	1	544.4/545.3	47.8
No valid information		74	1	1	30	41	31	42	35	47	8	11	512.0/507.0	54.0
SES														
Paid lunch		48427	3635	8	34074	70	37709	78	10522	22	196	0	548.0/549.6	46.6
Free or reduced lunch		31121	520	2	15684	50	16204	52	14507	47	410	1	515.6/518.5	48.5
No valid information		307	7	2	103	34	110	36	175	57	22	7	502.5/503.3	56.3
Ethnicity														
American Indian or Alaska Native		223	5	2	132	59	137	61	83	37	3	1	526.6/528.2	47.9
Black (Not of Hispanic Origin)		9952	104	1	4513	45	4617	46	5216	52	119	1	509.7/512.5	45.8
Asian or Pacific Islander		1085	150	14	648	60	798	74	239	22	48	4	552.7/558.3	61.8
Hispanic		5008	87	2	2449	49	2536	51	2379	48	93	2	514.4/517.5	50.0
White (Not of Hispanic Origin)		60562	3679	6	40321	67	44000	73	16239	27	323	1	541.1/543.4	48.6
Multiracial		2847	131	5	1729	61	1860	65	957	34	30	1	532.9/533.7	47.8
No valid information		178	6	3	69	39	75	42	91	51	12	7	508.0/510.3	61.5
Migrant		47	0	0	12	26	12	26	32	68	3	6	490.2/495.0	45.1

The cut score at Pass is 516. The cut score at Pass+ is 611.

The Lowest/Highest Scale Score Possible for English/language arts is 175/770.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

# Disaggregation Summary Report

Test Date: 09/15/08

State: INDIANA

Grade: 8

## Purpose

This report describes group achievement for selected reporting populations.



Mathematics		Total Number of Students	Pass+ N	%	Pass N	%	Total Passing N	%	Did Not Pass N	Pass %	Undetermined N	%	Mean/Median Scale Score	Standard Deviation
<b>All Students</b>		<b>79855</b>	<b>14471</b>	<b>18</b>	<b>44987</b>	<b>56</b>	<b>59458</b>	<b>74</b>	<b>19883</b>	<b>25</b>	<b>514</b>	<b>1</b>	<b>560.1/565.6</b>	<b>79.7</b>
General Education														
TOTAL General Education		68692	14110	21	41442	60	55552	81	12799	19	341	0	573.1/574.3	69.7
Special Education														
With accommodations		9367	190	2	2644	28	2834	30	6385	68	148	2	469.9/476.3	87.0
Without accommodations		1796	171	10	901	50	1072	60	699	39	25	1	526.0/537.1	89.4
TOTAL Special Education		11163	361	3	3545	32	3906	35	7084	63	173	2	479.0/484.8	89.8
Limited English Proficiency														
With accommodations		1483	47	3	479	32	526	35	924	62	33	2	486.1/491.7	81.8
Without accommodations		1262	94	7	681	54	775	61	480	38	7	1	530.9/536.7	73.4
TOTAL Limited English Proficiency		2745	141	5	1160	42	1301	47	1404	51	40	1	506.9/513.4	81.1
Non-Limited English Proficiency														
With accommodations		9370	215	2	2711	29	2926	31	6300	67	144	2	472.0/478.6	87.3
Without accommodations		67740	14115	21	41116	61	55231	82	12179	18	330	0	574.2/575.5	69.3
TOTAL Non-Limited English Proficiency		77110	14330	19	43827	57	58157	75	18479	24	474	1	561.9/567.3	79.0
Gender														
Male		40922	8002	20	22551	55	30553	75	10041	25	328	1	561.4/568.1	82.6
Female		38859	6465	17	22405	58	28870	74	9812	25	177	0	558.7/563.2	76.5
No valid information		74	4	5	31	42	35	47	30	41	9	12	510.3/534.0	86.5
SES														
Paid lunch		48427	12096	25	28433	59	40529	84	7751	16	147	0	580.7/584.3	73.4
Free or reduced lunch		31121	2360	8	16446	53	18806	60	11976	38	339	1	528.1/536.0	78.5
No valid information		307	15	5	108	35	123	40	156	51	28	9	504.1/503.3	86.1
Ethnicity														
American Indian or Alaska Native		223	26	12	129	58	155	70	66	30	2	1	548.3/556.0	73.4
Black (Not of Hispanic Origin)		9952	423	4	4480	45	4903	49	4915	49	134	1	509.1/516.4	78.5
Asian or Pacific Islander		1085	473	44	431	40	904	83	170	16	11	1	605.9/613.8	99.9
Hispanic		5008	430	9	2629	52	3059	61	1912	38	37	1	530.0/536.9	78.1
White (Not of Hispanic Origin)		60562	12731	21	35619	59	48350	80	11920	20	292	0	570.7/575.4	75.7
Multiracial		2847	376	13	1620	57	1996	70	830	29	21	1	549.0/551.7	74.6
No valid information		178	12	7	79	44	91	51	70	39	17	10	521.3/532.0	92.0
Migrant		47	1	2	24	51	25	53	20	43	2	4	505.9/529.0	66.8

The cut score at Pass is 517. The cut score at Pass+ is 629.

The Lowest/Highest Scale Score Possible for mathematics is 260/870.

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%





## State Proficiency Performance Summary

State: INDIANA

Grade: 8

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/15/08

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	3165 Students Pass + in E/la and Math 4%	11098 Students Pass in E/la and Pass + in Math 14%	188 Students Did Not Pass in E/la and Pass + in Math 0%	20 Students Undetermined in E/la and Pass + in Math 0%	14471 Students Pass + in Math 18%
Mathematics Pass	992 Students Pass + in E/la and Pass in Math 1%	34454 Students Pass in E/la and Math 43%	9426 Students Did Not Pass in E/la and Pass in Math 12%	115 Students Undetermined in E/la and Pass in Math 0%	44987 Students Pass in Math 56%
Mathematics Did Not Pass	1 Student Pass + in E/la and Did Not Pass in Math 0%	4220 Students Pass in E/la and Did Not Pass in Math 5%	15380 Students Did Not Pass in E/la and Math 19%	282 Students Undetermined in E/la and Did Not Pass in Math 0%	19883 Students Did Not Pass in Math 25%
Mathematics Undetermined	4 Students Pass + in E/la and Undetermined in Math 0%	89 Students Pass in E/la and Undetermined in Math 0%	210 Students Did Not Pass in E/la and Undetermined in Math 0%	211 Students Undetermined in E/la and Math 0%	514 Students Undetermined in Math 1%
English/ language arts TOTALS	4162 Students Pass + in E/la 5%	49861 Students Pass in E/la 62%	25204 Students Did Not Pass in E/la 32%	628 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 79855 Students with Complete Tests 78924 Students with Undetermined Scores E/la Only 417 Math Only 303 Both 211

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	535.3	560.1	MSS: 632.9	MSS: 555.3	MSS: 479.7	MSS: 665.2	MSS: 571.9	MSS: 456.8
Pass Cut Score	516	517	SD: 22.8	SD: 24.6	SD: 33.3	SD: 34.4	SD: 30.7	SD: 57.7
Pass + Cut Score	611	629	L/H Obt: 611-770	L/H Obt: 516-610	L/H Obt: 175-515	L/H/Obt: 629-870	L/H/Obt: 517-628	L/H/Obt: 260-516
Standard Deviation	50.0	79.7	L/H Range: 611-770	L/H Range: 516-610	L/H Range: 175-515	L/H Range: 629-870	L/H Range: 517-628	L/H Range: 260-516
Lowest/Highest Scale Score Obtained	175-770	260-870	4162 Students	49861 Students	25204 Students	14471 Students	44987 Students	19883 Students
Lowest/Highest Scale Score Possible	175-770	260-870	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.

